TETRA TECH

Harper Industries Asbestos Site
Removal Action

CLIENT

U.S. Environmental Protection Agency, Region 5

LOCATION

Cleveland, Ohio

DURATION

September & October 2016

COST

TDD Issue $33,000 (USD)

PROJECT TEAM

Wes Williams, Project Manager

Brian Malone

Jason Cashmere

Don Newton

Maggie Banh

REFERENCES

(Not required at this time)

Key Features

- Friable ACWM within building materials and non-friable ACWM became friable upon consolidation and removal.
- Conducted daily perimeter air sampling and air monitoring.

PROJECT DESCRIPTION

The U.S. Environmental Protection Agency (EPA) tasked Tetra Tech START to assist in performing a removal action (RV) at the Harper Industries Asbestos Site in Cleveland, Ohio. The scope of the RV was to consolidate and remove all municipal waste and asbestos-containing waste material (ACWM) onsite determined to be unsafe and a threat to human health and the environment.

From September 26 through October 19, 2016, EPA conducted removal activities involving consolidating, loading, and disposing of municipal waste and ACWM from the site. During the removal action, Tetra Tech START monitored work activities for dust emissions and surface water runoff from wetting and dust suppression. Daily perimeter air sampling utilizing high-volume air sampling pumps as well as daily perimeter air monitoring was conducted. START also performed oversight of ERRS and recorded site activities and conditions. A Removal Action Letter Report was authored summarizing RV activities.

A total of 21 truckloads containing 280.86 tons of municipal waste, and 101 truckloads containing 2,231.70 tons of ACM were transported to an EPA-approved disposal facility. 8.63 tons of scrap steel were transported off site for recycling.